

ABSTRACT

Title: INDICATOR LAMP WITH SIMPLIFIED OPTICAL STRUCTURE

Applicant: VALEO VISION

Inventors: Jean-Claude GASQUET, Jean-Pierre AYNIE, Jean
DERA, Ghislain LEFEVRE, Filipe VIDEIRA

The present invention relates to an indicator lamp for a motor vehicle comprising a plurality of light sources (10) and optical processing means (16, 18, 20) able to straighten out the light emitted by the light sources (10) so that it is propagated in a direction essentially parallel to a general direction of emission (X); the optical processing means (16, 18, 20) comprising, in association with each source (10), a first element (12, 16, 18) able to distribute the light in a plane (YZ) essentially perpendicular to the general direction of emission (X), in an essentially uniform way onto a second, generally plate-shaped, element (14, 20) able to straighten out the incident light towards the said general direction of emission (X).

According to the present invention, linking elements (22, 24) are arranged between first adjacent elements (12) and between the first elements (12) and the second element (14), and the first element (12), the second element (14) and the linking elements (22, 24) are made together of the same material and form a one-piece optical structure.

Figure to be published with the abstract: Figure 1